

Appendix F: Floodplain Exhibit



Legend:

- Alignments
- Floodplains*
- Alignments

*FNAI, 2008

0 2,000 4,000 8,000 12,000 Feet

1:48,000
2010 True Color
Aerial

Floodplain Map

SR 87 Connector PD&E

erc Ecological Resource
Consultants, Inc.

dv 9.4.12
ERC# 09-143

Nicole Mauntler

From: Karen Thornhill [KarenT@santarosa.fl.gov]
Sent: Wednesday, April 02, 2014 2:08 PM
To: Nicole Mauntler
Subject: RE: SR 87 Connector
Attachments: image001.png

Nichole:

After reviewing the documentation provided, I have no comments regarding the SR87 Connector LHR.

Sincerely,

Karen Thornhill, CFM

Floodplain Manager
850-981-7029
Fax 850-983-5367

From: Nicole Mauntler [mailto:NMauntler@metriceng.com]
Sent: Wednesday, April 02, 2014 2:08 PM
To: Karen Thornhill
Cc: Jessica Bloomfield
Subject: SR 87 Connector

Good Afternoon Karen,
I am emailing to touch base with you and see if you had any comments regarding the SR 87 Connector LHR.
Have a great day,

NICOLE MAUNTLE, PE
ROADWAY ENGINEER



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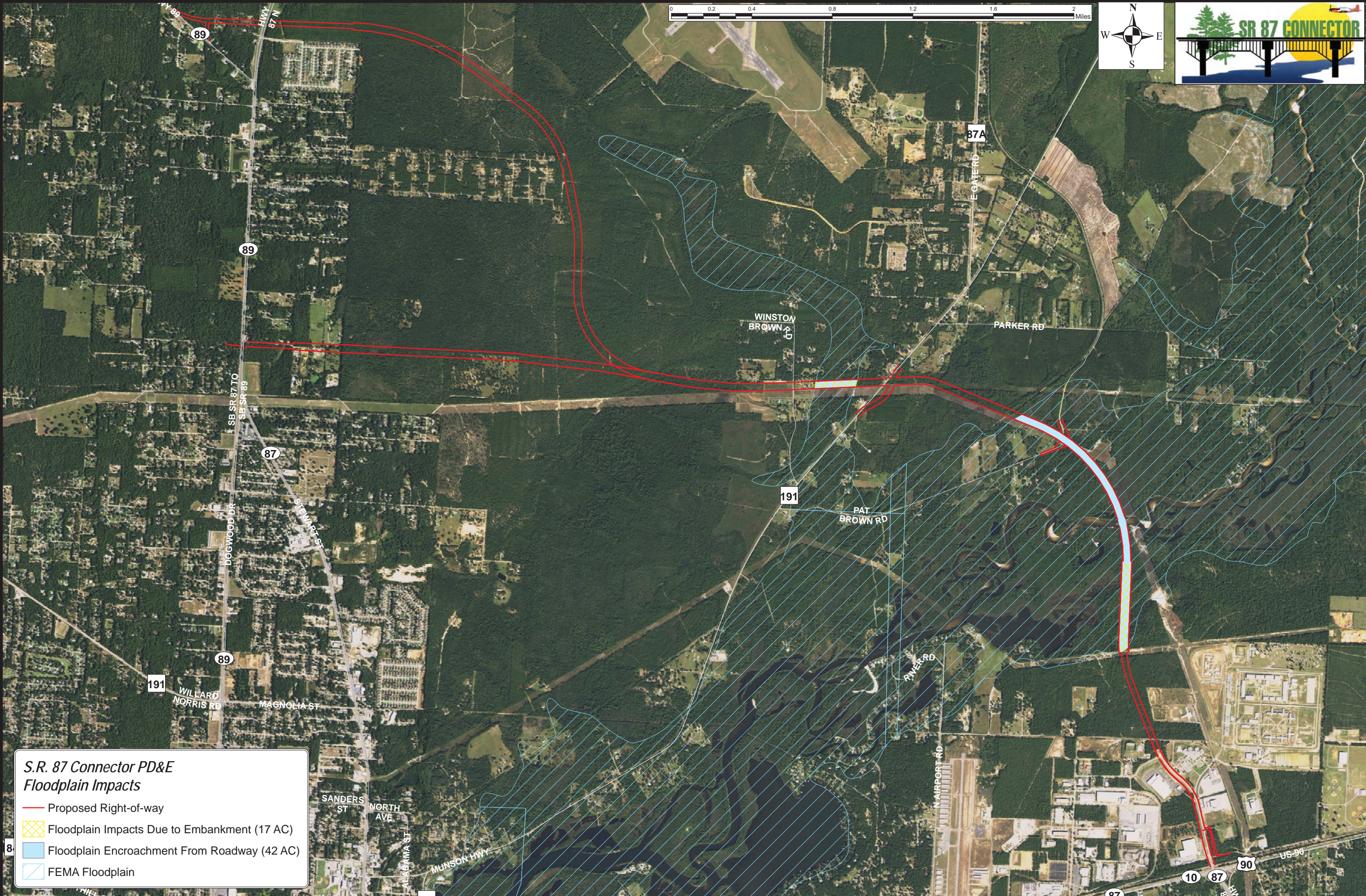
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Floodplain Impacts

The proposed alternatives cross over floodplains in multiple locations, including the regulatory floodway of Blackwater River. Both alternatives transverse the 100-year floodplain at the same locations: the Blackwater River and Clear Creek. The proposed roadway will encroach on approximately 42 acres of floodplain. Approximately 17 of those acres will be direct impacts from embankment within the floodplain.

The direct impacts mentioned above will be mitigated upstream of the proposed Blackwater River bridge. Floodplain compensation will be provided by excavating a portion of “uplands” owned by Santa Rosa County. This area will serve as a locale for additional flooding along the river bank and will mitigate any rise in base flood elevations at the proposed roadway. Flood maps shall be revised to include the floodplain compensation area as part of the base flood area.

The following exhibit outlines the floodplain area which will be impacted by the roadway project.



**S.R. 87 Connector PD&E
Floodplain Impacts**

- Proposed Right-of-way
- ▨ Floodplain Impacts Due to Embankment (17 AC)
- ▨ Floodplain Encroachment From Roadway (42 AC)
- ▨ FEMA Floodplain